Product Specifications

COMMSCOPE®

on the go

MRO50B-31015

Low-pressure Dehydrator, 19 in rack mountable, 0.3–0.5 psig, with summary alarm, 115/230 Vac, 50/60 Hz or 24/48 Vdc

- To meet our global customer's RoHS environmental needs, we have changed our desiccant to a cobalt-chloride free desiccant. Orange color when dry, turns green when saturated.

Alarm

Alarm Type	Summary (low pressure, excess-run, high pressure)
Excess-Run Alarm	10 minutes, factory set
High-Pressure Alarm	Factory set
Low-Pressure Alarm	Factory set

Dimensions

Gross Weight, Packed	11.36 kg | 25.05 lb
Net Weight	9.55 kg | 21.04 lb
Product Depth	228.60 mm | 9.00 in
Product Depth, Packed	58.42 cm | 23.00 in
Product Height	133.35 mm | 5.25 in
Product Height, Packed	30.48 cm | 12.00 in
Product Width	482.60 mm | 19.00 in
Product Width, Packed	45.72 cm | 18.00 in

Electrical Specifications

Power Cord	dc power cord | Europe power cord with stripped leads | USA power cord
Voltage	24/48 Vdc ±10%, 115/230 Vac ±10%, adapter included
Alarm Contact Rating	Form C dry contacts, 2 amps at 30 Vdc
Operating Temperature	-10 °C to +40 °C (+14 °F to +100 °F)
Power Consumption	10.0 W
Power Frequency	60/50 Hz
Power Phase	Single
Suggested Circuit Breaker Size	15 A

General Specifications

Dehydrator Type	Desiccant
Voltage Type	ac | dc
Volume Capacity, maximum	283.17 L | 10.00 ft³
Cut In Pressure	0.30 psig
Cut In/Out Pressure Type	factory set
Cut Out Pressure	0.50 psig
Desiccant Capacity	8495 liters (300 cu ft) at 80% RH, +20 °C
Dew Point	-36 °C (-33 °F)
Flow Rate	1.42 SLPM | 0.05 SCFM
Includes	3/8 in polyethylene tubing | 90 º elbow fitting | Converter, ac to dc | Instruction sheet | Male connector fitting | Power cord | PTFE tape | Screws

Product Specifications

MR050B-31015

Mount Type	Rack	Shelf	Wall
Port Count	4
Port Type	3/8 in PE tube
Rack Type	EIA 19 in
Rack Units	3
Volume Capacity, minimum	0.00 ft³

Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system